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WHAT IS CLAIMED IS:

1	1. A development tunnel operable to receive a photographic film coated with a				
2	developer solution, the development tunnel comprising a housing forming a development				
3	chamber through which the coated film is transported, the development chamber operable				
4	to maintain a relatively constant temperature and humidity of the coated film during				
5	development of the film.				
1	2. The development tunnel of Claim 1, wherein the housing is insulated.				
1	3. The development tunnel of Claim 1, further comprising a heating system				
2	operable to heat the coated film.				
1	4. The development tunnel of Claim 3, wherein the heating system contacts				
2	the coated film.				
1	5. The development tunnel of Claim 1, wherein the housing substantially				
2	surrounds the coated film during the development process.				
1	6. The development tunnel of Claim 1, wherein a cross-section of the				
2	development chamber is optimized for minimum volume.				
1	7. The development tunnel of Claim 1, wherein the development chamber				
2	includes an entry and an exit, wherein the entry and exit operable to reduce air flow				
3	circulation through the development chamber.				

oriented horizontally to reduce convective air flow through the development chamber.

The development tunnel of Claim 1, wherein the development chamber is

1	9. The development tunnel of Claim 1, further comprising a control system			
2	operable to monitor and control the temperature within the development chamber.			
1	10. The development tunnel of Claim 1, wherein the temperature within the			
2	development chamber is maintained substantially within the range of 40-80 degrees			
3	centigrade.			
1	11. The development tunnel of Claim 10, wherein the temperature within the			
2	development chamber is maintained substantially within the range of 45-55 degrees			
3	centigrade.			
1	12. The development tunnel of Claim 1, wherein the relative humidity within			
2	the development chamber is maintained substantially within the range of 80-100 percent			
3	relative humidity.			
1	13. The development tunnel of Claim 1, wherein humidity is supplied by			
1 2	evaporation of the developer solution on a film leader coupled to the coated film.			
2	evaporation of the developer solution on a finitive ader coupled to the coated finiti			
1	14. The development tunnel of Claim 1 further comprising a humidification			
2	system operable to increase humidity within the development chamber.			
1	15. The development tunnel of Claim 1, further comprising a humidification			
2	system operable to decrease humidity within the development chamber.			
1	16. The development tunnel of Claim 1, further comprising a heating system			
2	operable to maintain the temperature of the coated film.			
1	17. The development tunnel of Claim 1, wherein the temperature of the film is			

consistently maintained within 5 degrees Centigrade of a temperature profile.

1	18. The development tunnel of Claim 17, wherein the temperature of the film			
2	is consistently maintained within 1 degree Centigrade of a temperature profile.			
1	19. A photographic film processing system comprising:			
2	an applicator station operable to coat a developer solution onto a photographic			
3	film;			
4	a development station operable to receive the coated photographic film, wherein			
5	the development station operates to heat coated photographic film in an air environment;			
6	and			
7	a transport system operable to transport the film.			
•				
1	20. The photographic film processing system of Claim 19, wherein the			
2	applicator station includes a replaceable developer cartridge having a reservoir of			
3	developer solution disposed within the cartridge.			
1	21. The photographic film processing system of Claim 19, wherein the			
2	applicator station includes a slot coater device operable to apply a relatively smooth layer			
3	of developer solution onto the photographic film.			
1	22. The photographic film processing system of Claim 19, further comprising			
2	a scanning station operable to scan the photographic film and produce digital images			
1	23. The photographic film processing system of Claim 22, wherein the			
2	scanning station scans the photographic film coated with developer solution.			
1	24. The photographic film processing system of Claim 22, further comprising			
2	a print station operable to print one or more digital images.			

of 40-80 degrees Centigrade.

1	25. The photographic film processing system of Claim 22, further comprising		
2	a user interface operable to display the digital images.		
1	26. The photographic film processing system of Claim 22, wherein the digital		
2	images can be electronically communicated to a computer network.		
	at Claim 10 wherein the		
1	27. The photographic film processing system of Claim 19, wherein the		
2	development station includes a heating system operable to contact the coated		
3	photographic film.		
	of Claim 10 wherein the		
1	28. The photographic film processing system of Claim 19, wherein the		
2	development station includes a development tunnel having a housing that forms a		
3	development chamber through which the coated film is transported, the development		
4	chamber operable to maintain a relatively constant temperature and humidity of the		
5	coated film during development of the film.		
	f Clim 28 wherein the		
1	29. The photographic film processing system of Claim 28, wherein the		
2	housing is insulated.		
	of Claim 28 wherein the		
1	30. The photographic film processing system of Claim 28, wherein the		
2	development tunnel further comprises a heating system operable to heat the coated		
3	photographic film.		
	of Claim 20 whorain the heating		
1	31. The photographic film processing system of Claim 30, wherein the heating		
2	system contacts the coated photographic film.		
	22 The electrometric film processing system of Claim 30 wherein the		
1	32. The photographic film processing system of Claim 30, wherein the		
2	temperature within the development chamber is maintained substantially within the range		

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1	33. The photographic film processing system of Claim 30, wherein the
2	temperature within the development chamber is maintained substantially within the range
3	of 45-60 degrees Centigrade.

- 34. The photographic film processing system of Claim 28, wherein the transport system comprises a leader transport system and the developer solution is coated onto a film leader to produce humidity within the development chamber.
- 35. The photographic film processing system of Claim 28, wherein the relative humidity within the development chamber is maintained substantially within the range of 80-100 percent relative humidity.
- 36. The photographic film processing system of Claim 19, wherein the development station operates to heat the photographic film to a temperature substantially within the range of 40-80 degrees Centigrade.
- 37. The photographic film processing system of Claim 19, wherein the development station includes a halt station operable to substantially stop the continued development of the photographic film.
- 38. The photographic film processing system of Claim 19, wherein the development station includes a film dryer operable to dry the developer solution onto the photographic film.
- 39. The photographic film processing system of Claim 19, wherein the photographic film processing system is embodied as a self-service kiosk.

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1	40. The photographic film processing system of Claim 19, wherein the
2	development station further comprises a heating system operable to maintain the
3	temperature of the coated film.
1	41. The photographic film processing system of Claim 19, wherein the
2	development station consistently maintains the temperature of the film within 5 degrees
3	Centigrade of a temperature profile.

- 42. The photographic film processing system of Claim 41, wherein the development station consistently maintains the temperature of the film within 1 degree Centigrade of a temperature profile.
- coating a development solution onto the photographic film; and transporting the coated photographic film through an air environment development station, wherein the development station operates to heat the coated photographic film during development of the coated photographic film.

A method of processing a photographic film comprising:

- 44. The method of Claim 43, wherein development station heats the coated photographic film to a temperature substantially within a range of 40-80 degrees Centigrade.
- 45. The method of Claim 44, wherein the development station heats the coated photographic film to a temperature substantially within a range of 45-60 degrees Centigrade.
- 46. The method of Claim 43, wherein the development station also operates to substantially control the humidity during development of the coated photographic film.

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1	47.	The method of Claim 46, wherein the humidity is substantially maintained		
2	within the range of 80-100 percent humidity.			
1 2 3		The method of Claim 43, wherein the development station includes a tunnel having a housing that forms a development chamber through which otographic film is transported.		
5	the coated ph	otograpino mini io ususi pi i i i i i i i i i i i i i i i i i		
1 2	49. The method of Claim 48, wherein the development tunnel includes heating system operable to heat the coated photographic film.			
1	50.	The method of Claim 48, wherein the development tunnel is insulated.		
1	51.	The method of Claim 43, further comprising scanning the developed film		
2	to produce d	igital images.		
1 2	52. scanning the	The method of Claim 51, wherein scanning the developed film comprises developed film through the coating of developer solution.		
1 2	53. to a user.	The method of Claim 51, further comprising displaying the digital images		
1 2	54. images.	The method of Claim 51, further comprising printing one or more digital		
1 2	55. photographi	The method of Claim 43, wherein the developer solution is coated onto the c solution using a slot coater device.		
1 2	56. photographi	The method of Claim 43, wherein the developer solution is coated onto the c solution using a replaceable developer cartridge.		

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- 1 57. The method of Claim 43, wherein the processing of the photographic film
- 2 takes place in self-service kiosk.